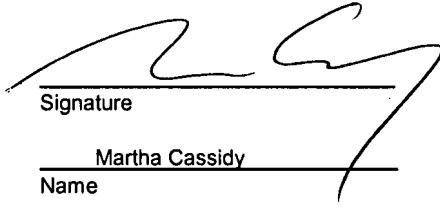


FORM PTO-1390	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No.
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		2833-113	
		U.S. Application No. (if known)	
		10/574,967	
INTERNATIONAL APPLICATION NO. PCT/US2004/032941	INTERNATIONAL FILING DATE October 7, 2004	PRIORITY DATE CLAIMED October 7, 2003	
TITLE OF INVENTION SIDE CHAIN DEUTERATED AMINO ACIDS AND METHODS OF USE			
APPLICANT(S) FOR DO/EO/US Jonathan Miles BROWN et al.			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
ITEMS 11. TO 20. below concern other document(s) or information included:			
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>			

U.S. APPLICATION NO. (If known) 10/574,967	INTERNATIONAL APPLICATION NO. PCT/US2004/032941	ATTORNEY DOCKET NO. 2833-113								
<p>20. <input checked="" type="checkbox"/> Other items or information: <input checked="" type="checkbox"/> Copy of Notification of Missing Requirements <input checked="" type="checkbox"/> 1 month e.o.t. fee <input type="checkbox"/> RO/101 <input type="checkbox"/> RO/105 <input type="checkbox"/> ISA/210(ISR) <input type="checkbox"/> IB/301 <input type="checkbox"/> IB/304 <input type="checkbox"/> IB/308 <input type="checkbox"/> IB 401 <input type="checkbox"/> IB/409(IPER) <input type="checkbox"/> IB/416 <input type="checkbox"/> Published Application WO/</p>										
<p>21. The following fees are submitted:</p> <table> <tr> <td><input type="checkbox"/> Basic National Fee</td> <td>\$300.00</td> <td><u>CALCULATIONS</u></td> <td><u>PTO USE ONLY</u></td> </tr> </table>		<input type="checkbox"/> Basic National Fee	\$300.00	<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>					
<input type="checkbox"/> Basic National Fee	\$300.00	<u>CALCULATIONS</u>	<u>PTO USE ONLY</u>							
<p>22. <input type="checkbox"/> Examination Fee If the written opinion prepared by ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations</p>		\$								
<p>23. <input type="checkbox"/> Search Fee If the written opinion of the ISA/US or the IPER prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)</p>		\$		Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority	\$100.00	International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400.00	All other situations.....	\$500.00	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority	\$100.00									
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400.00									
All other situations.....	\$500.00									
<p style="text-align: right;">TOTAL OF 21, 22 AND 23 =</p>		\$								
<p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.</p>		\$								
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Rate							
- 100 =	/ 50 =		x 250	\$						
<p>Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).</p>		\$130.00								
Claims	Number Filed	Number Extra	Rate							
Total Claims	-20 =		X \$50.00	\$						
Independent Claims	- 3 =		X \$200.00	\$						
<p>Multiple dependent claim(s) (if applicable)</p>		+ \$360.00	\$							
<p style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</p>		\$								
<p><input checked="" type="checkbox"/> Applicant claims small entity status. The fees indicated above are reduced by 1/2.</p>		\$-65.00								
<p style="text-align: right;">SUBTOTAL =</p>		\$								
<p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</p>		+	\$							
<p style="text-align: right;">TOTAL NATIONAL FEE =</p>		\$								
<p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</p>		01 FM: 65.00 DA 02 FC: 60.00 DA								
<p style="text-align: right;">TOTAL FEES ENCLOSED =</p>		\$125.00								
		Amount to be refunded	\$							
		Amount to be charged	\$125.00							

U.S. APPLICATION NO. (If known) 10/574,967	INTERNATIONAL APPLICATION NO. PCT/US2004/032941	ATTORNEY DOCKET NO. 2833-113
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 02-2135 in the amount of \$ <u>125.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2135. A duplicate copy of this sheet is enclosed.</p>		
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>		
<p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer No. 06449</p> <p>Martha Cassidy Rothwell, Figg, Ernst & Manbeck 1425 K St., N.W. Washington, D.C. 20005 Phone: 202/783-6040</p>		
 <p>Signature</p> <p><u>Martha Cassidy</u></p> <p>Name</p> <p><u>44,066</u></p> <p>Registration Number</p>		

1403136_1.WPD



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/574,967		2833-113
INTERNATIONAL APPLICATION NO.		
PCT/US04/32941		
I.A. FILING DATE	PRIORITY DATE	
10/07/2004		
CONFIRMATION NO. 5906		
371 FORMALITIES LETTER		
 OC000000022675589		

Date Mailed: 02/28/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/07/2006
- Copy of the International Search Report filed on 04/07/2006
- Information Disclosure Statements filed on 10/11/2006
- Request for Immediate Examination filed on 04/07/2006
- U.S. Basic National Fees filed on 04/07/2006
- Priority Documents filed on 04/07/2006

ROTHWELL, FIGG, ERNST & MANBECK
 FILE NO.: 2833-113
 DKT PROG. INIT.

UP MAR - 2 2007

DKT ENTRY INIT: _____
 SEND TO: CAF/mc
 OK TO FILE: _____

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/574,967	PCT/US04/32941	2833-113

FORM PCT/DO/EO/905 (371 Formalities Notice)